



Data Driven Decision Making

An Invitational Priority

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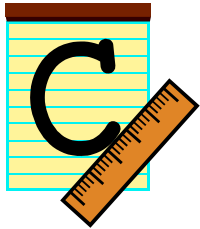
**Special Assistant for Technology
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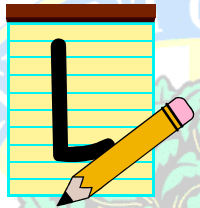
Guiding Principles



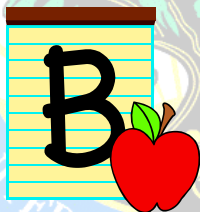
Accountability for Student Performance



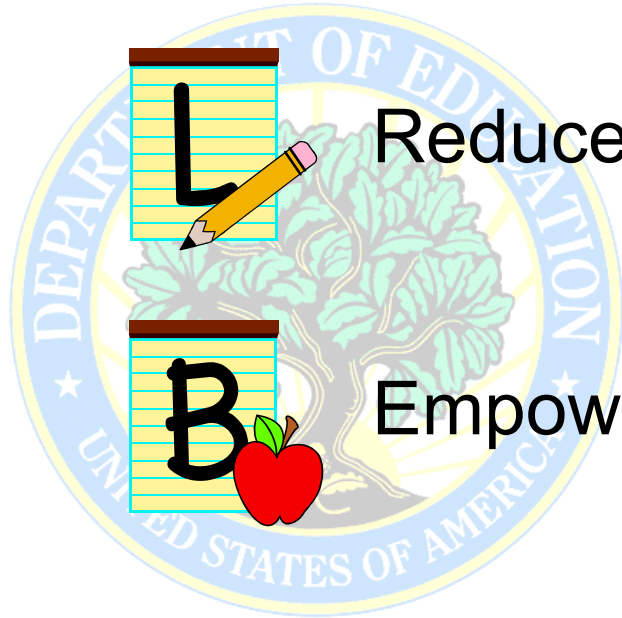
Focus on What Works/Research



Reduce Bureaucracy & Increase Flexibility



Empower Parents



Higher Education Reauthorization Themes

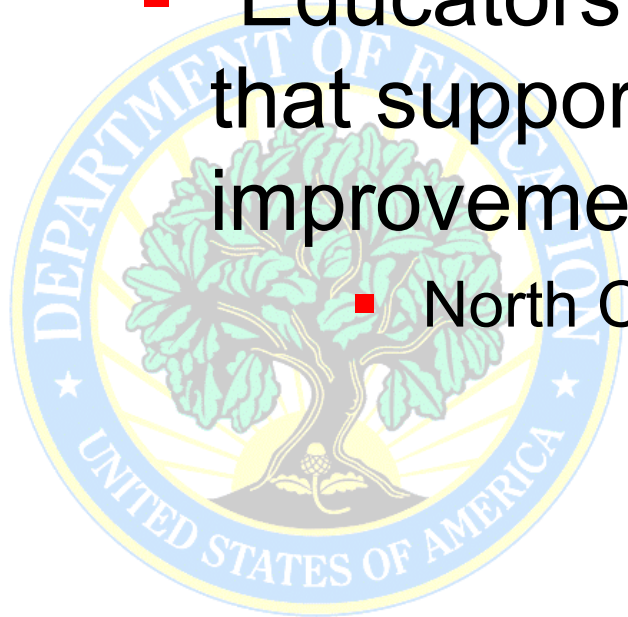


- Access
- Accountability
- Teacher Quality

The Problem



- “Most educators receive little formal training in student assessment and the use of related data to improve teaching and learning”
- “Educators lack a process for using data that supports ongoing, continuous improvement in schools”
 - North Central Regional Educational Laboratory



Invitational Priority



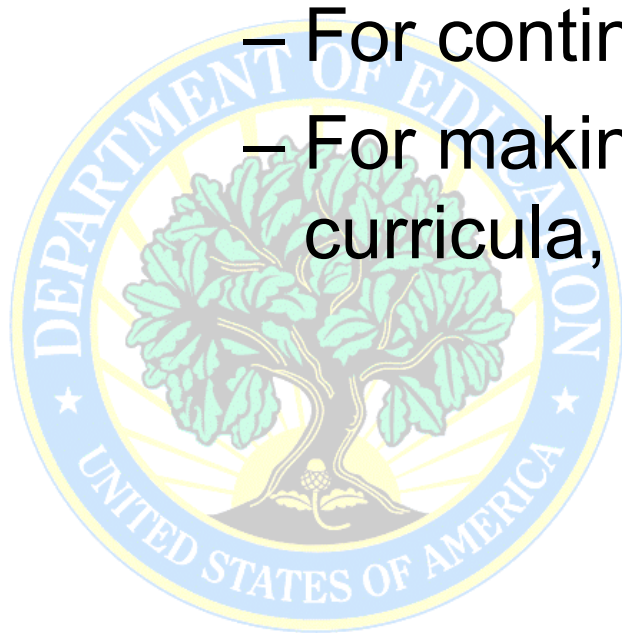
- Projects that employ technology in building teachers' capacities to interpret, analyze and incorporate student achievement and testing data into the instructional process.



Data Driven Decision Making



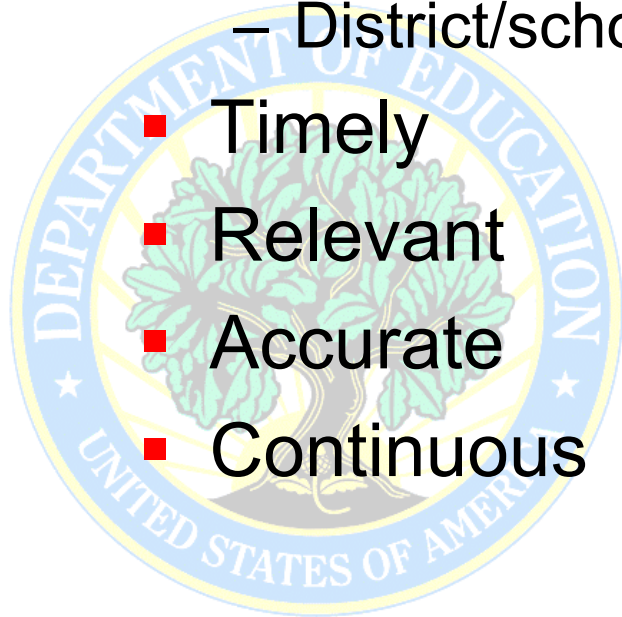
- What is it?
 - Analyzing and using the data available on a student to guide educational/instructional decision making
 - For continuous improvement
 - For making adjustments to teaching styles, curricula, pace, content, etc



What kind of data



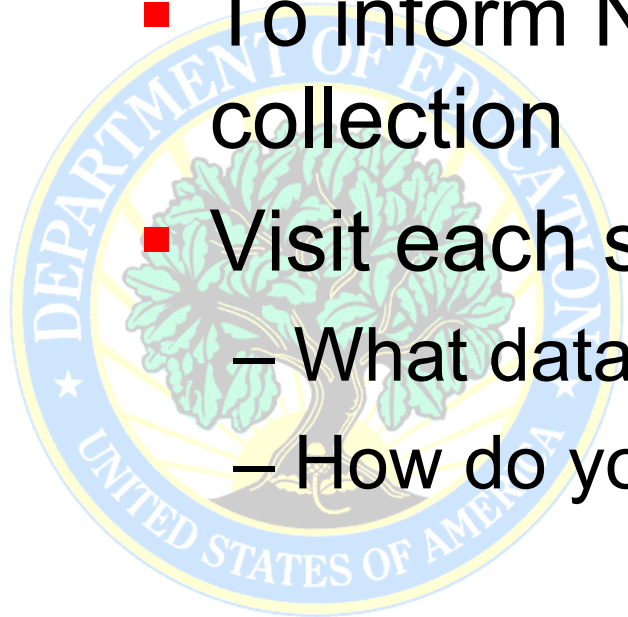
- All kinds
 - Attendance
 - Discipline
 - Past academic history
 - State assessments
 - District/school/classroom assessments
- Timely
- Relevant
- Accurate
- Continuous



PBDMI



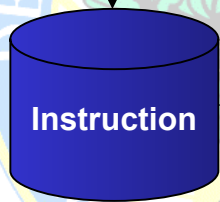
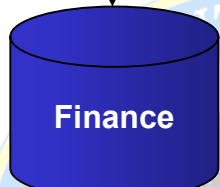
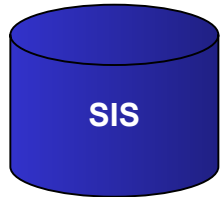
- Performance Based Data Management Initiative
- Determine the common data that all states are collecting
- To inform NCLB state/national data collection
- Visit each state
 - What data do you collect
 - How do you collect it



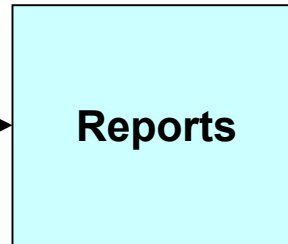
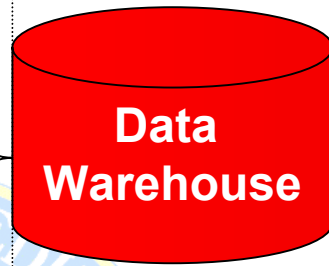
Components of a Data Based Decision Making System



Applications



School Interoperability Framework & IMS



Reporting and Analysis Services

Turning data into useful information

Dissemination

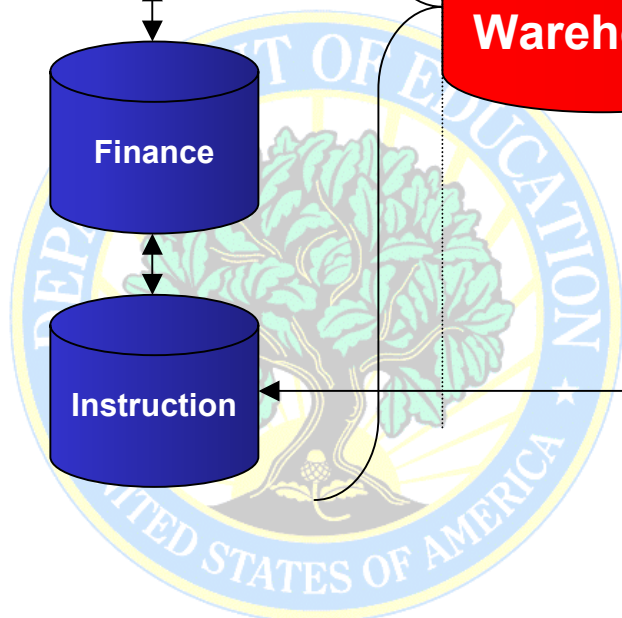
Sharing data with the community (ie: report cards)

State and Federal Reporting

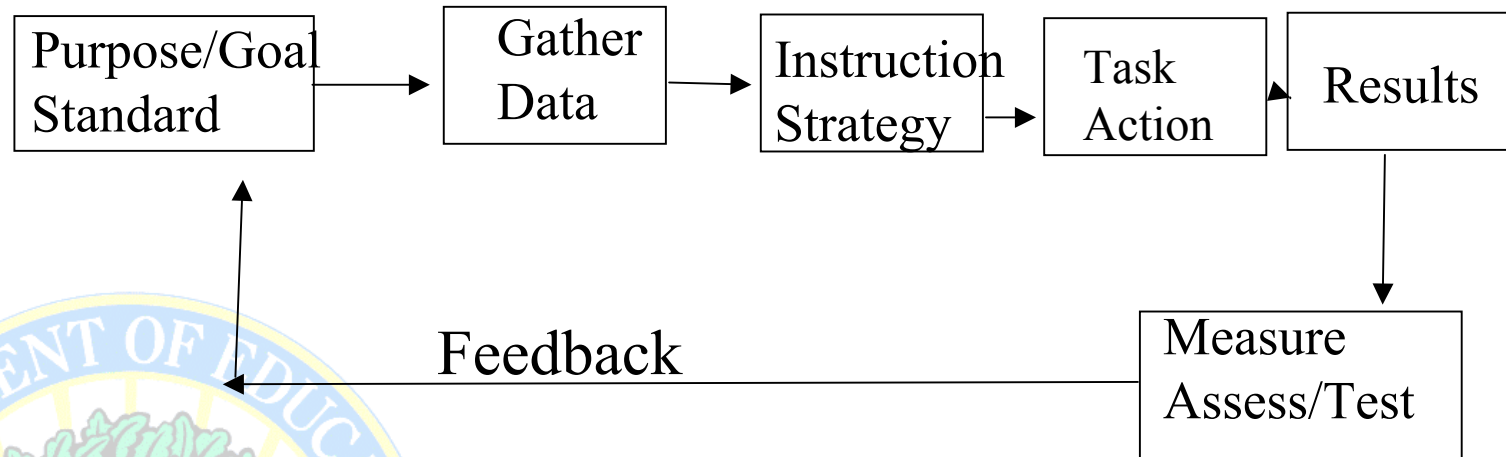
Meeting reporting compliance

Training

Learning how to use data to make informed decisions.

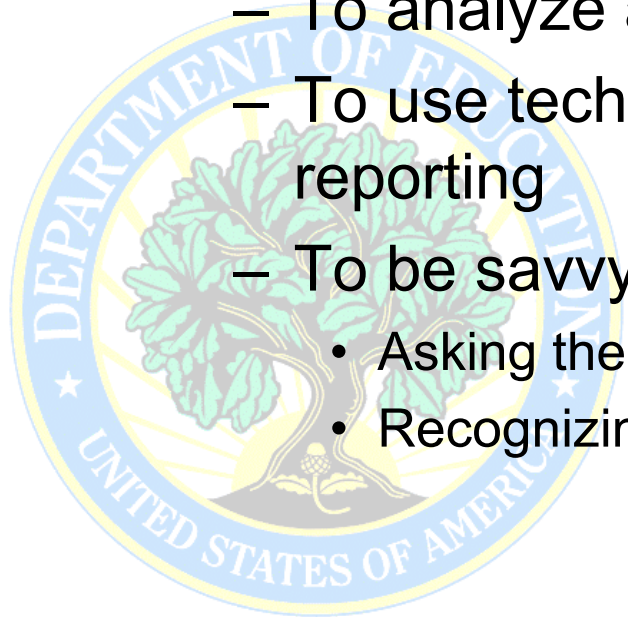


Continuous Improvement



How DDDM relates to PT3

- How Can SEA's, Colleges of Education, and their Partners Prepare teachers
 - To understand what data they need and when
 - To understand the role of assessment and other data in teaching and learning
 - To analyze and use data
 - To use technology as tool for data analysis and reporting
 - To be savvy data consumers
 - Asking the right questions
 - Recognizing “bad” data





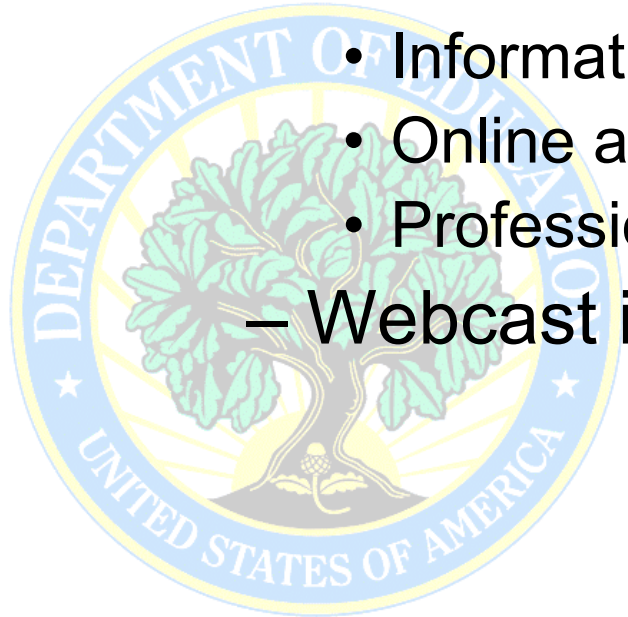
Some Resources



Consortium for School Networking



- Data Driven Decision Making
 - In partnership with the Gartner Group
 - Deliverables:
 - White paper
 - Online tool
 - Information dissemination
 - Online and face to face meetings
 - Professional development offerings
 - Webcast in late May



Information



- NCREL
- ERIC digest
- Other RTECS and Regional Labs





Questions ??

